

EVL6564H-100W Bill-of-material

Part reference	Value	Case	Description	Supplier
C1	470N	DWG	X2 - FLM CAP - R46-I 3470--M1-	EPCOS
C4	470N	DWG	X2 - FLM CAP - R46-I 3470--M1-	EPCOS
C5	470N - 400V	DWG	400V - FLM CAP - B32653A4474	EPCOS
C6	47uF - 450V	Dia. 18X31.5 mm	450V - ALUMINIUM ELCAP - ED SERIES - 105°C	NIPPON-CHEMICON
C7	4N7	1206	100V CERCAP - GENERAL PURPOSE	AVX
C8	680N	1206	25V CERCAP - GENERAL PURPOSE	AVX
C9	68N	0805	50V CERCAP - GENERAL PURPOSE	AVX
C10	100N	1206	50V CERCAP - GENERAL PURPOSE	AVX
C11	47uF-50V	Dia. 6X10 mm	50V - ALUMINIUM ELCAP - YXF SERIES - 105°C	RUBYCON
C12	2N2	1206	50V CERCAP - GENERAL PURPOSE	AVX
C13	1uF	0805	25V CERCAP - GENERAL PURPOSE	AVX
C15	220p	0805	50V CERCAP - GENERAL PURPOSE	AVX
C16	2N2	1206	50V CERCAP - GENERAL PURPOSE	AVX
D1	GBU4J	STYLE GBU - DWG	SINGLE PHASE BRIDGE RECTIFIER	VISHAY
D2	1N4005	DO - 41	RECTIFIER - GENERAL PURPOSE	VISHAY
D3	STTH2L06	DO-41	ULTRAFAST HIGH VOLTAGE RECTIFIER	STMICROELECTRONICS
D4	LL4148	MINIMELF	HIGH SPEED SIGNAL DIODE	VISHAY
D5	BZX79-C18	DO - 35	ZENER DIODE	VISHAY
D6	N.M.	MINIMELF		
F1	FUSE 4A	DWG	FUSE T4A - TIME DELAY	WICHMANN
HS1	HEAT-SINK	DWG	HEAT SINK FOR D1& Q1	
J1	MKDS 1.5/ 3-5.08	DWG	PCB TERM. BLOCK, SCREW CONN., PITCH 5MM - 3 W.	PHOENIX CONTACT
J2	MKDS 1.5/ 2-5.08	DWG	PCB TERM. BLOCK, SCREW CONN., PITCH 5MM - 2 W.	PHOENIX CONTACT
J3	CON3	DWG	PCB term. block, pitch 2.5mm - 3 W.	Molex
L1	HF2826-203Y1R5-T01	DWG	INPUT EMI FILTER - 20mH-1.5A	TDK
L2	SRW2620PQ-XXV002	DWG	PCF INDUCTOR	TDK
Q1	STF8NM50N	TO-220FP	N-CHANNEL POWER MOSFET	STMICROELECTRONICS
R1	NTC 2R5-S237	DWG	NTC RESISTOR P/N B57237S0259M000	EPCOS
R2	1M0	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R3	3M3	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R4	100R	1206	SMD STANDARD FILM RES - 1/4W - 5% - 250ppm/°C	VISHAY
R5	68K	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R6	3M3	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R8	1M0	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R9	2M2	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R10	1M0	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R11	2M2	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R12	2M2	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R13	62K	0805	SMD STANDARD FILM RES - 1/8W - 1% - 100ppm/°C	VISHAY
R14	27K	0805	SMD STANDARD FILM RES - 1/8W - 1% - 100ppm/°C	VISHAY
R15	51K	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R17	2M2	1206	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R18	82K	0805	SMD STANDARD FILM RES - 1/8W - 5% - 250ppm/°C	VISHAY
R19	51K	1206	SMD STANDARD FILM RES - 1/4W - 5% - 250ppm/°C	VISHAY
R20	N.M.	0805		
R21	27R	1206	SMD STANDARD FILM RES - 1/4W - 5% - 250ppm/°C	VISHAY
R22	100K	0805	SMD STANDARD FILM RES - 1/8W - 5% - 250ppm/°C	VISHAY
R24	220R	PTH	SFR25 AXIAL STAND. FILM RES - 0.4W - 5% - 250ppm/°C	VISHAY
R25	0R47	PTH	SFR25 AXIAL STAND. FILM RES - 0.4W - 5% - 250ppm/°C	VISHAY
R26	0R68	PTH	SFR25 AXIAL STAND. FILM RES - 0.4W - 5% - 250ppm/°C	VISHAY
R27	1M	0805	SMD STANDARD FILM RES - 1/4W - 1% - 100ppm/°C	VISHAY
R30	1K	1206	SMD STANDARD FILM RES - 1/4W - 5% - 250ppm/°C	VISHAY
R31	10R	1206	SMD STANDARD FILM RES - 1/4W - 5% - 250ppm/°C	VISHAY
U1	L6564H	SO14	IC CONTROLLER	STMICROELECTRONICS